(formerly 9-331c)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

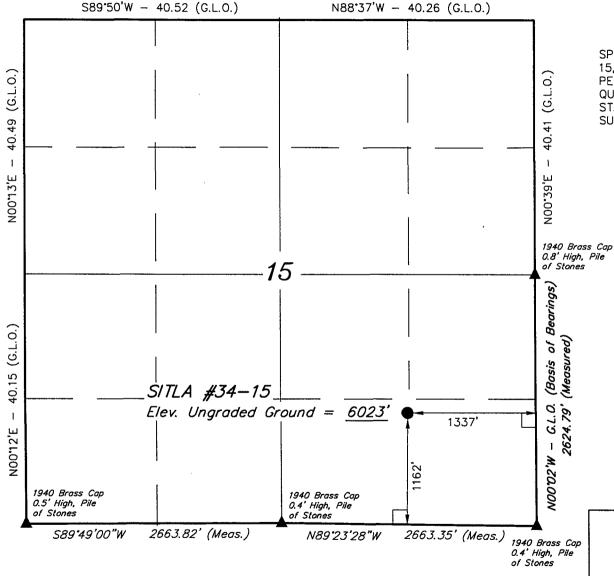


5. LEASE DESIGNATION AND SERIAL NO.

-UT-ML-47978-OBA

APPLICAT	ION FOR F	ERMIT TO D	RILL, DEE	PEN, OR PLU	G BACK	6. IF INDIAN, A	ALLOTTEE OR TRIBE NAME
1a TYPE OF WORK DRIL B TYPE OF WELL	L X	DEEPEN		PLUG BACK		7. UNIT AGRE	EMENT NAME
Oil Well	Gas Well X	OTHER	Single Zone	Multiple Zone	x	8. FARM OR L	EASE NAME
2. Name of Operator Marat	hon Oil Co	mpany				9. WELL NO.	34-15
3. Address of Operator		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	10. FIELD OR	
1501 S 4. Location of Well (Report I		ene, Cody, WY			/ /	11. Sec., T., R.	M OD BLV
At surface At proposed prod. Zone	1,337' FEL,		SW/SE	4373894 508 %4	N 1	AND SURVEY	
14. DISTANCE IN MILES AF	ND DIRECTION FROM	I NEAREST TOWN OR F	OST OFFICE				DR PARISH 13, STATE
15. Distance from proposed Property or lease line ft.	location to nearest		16. NO. OF ACRES	IN LEASE	17, NO. OF ACE		Utah
(Also to nearest drlg. Unit lin		1,162'	56	· -	160		
16. DISTANCE FROM PRO TO NEAREST WELL, DRILI			19. PROPOSED DE		20. ROTARY OF		S
OR APPLIED FOR, ON THE 21. ELEVATION (SHOW W		3,850'	2,	762'	Rotar		DATE WORK WILL START
23	* h	6,023' GR					April 15, 2000
				MENT PROGRAM			
SIZE OF HOLE	SIZE OF CASII 8-5/8		OOT SETTING		To Su	rface	
7-7/8"	5-1/2	2" 17	T.	D.	1,390'		· · · · · · · · · · · · · · · · · · ·
	Please see	the attached 10	Point and 1	he subject well. 3 Point Surface ease contact:	Use Plane		
	350 S., 800						Calley
	Vernal, Utal						
	435-789-096	8					
						M.C	MOROSTAD SS ALLO WILLIAMS
N ABOVE SPACE DESCRI productive zone. If proposal plowout preventer program, i	is to drill or deepen di					sed new	The Market Confidency
24 SIGNATURE	William Ryan	ins a ly	TITLE	Agent		DATE	Jan 15, 2000
(This space for Fe	derai or State Office t	Se)					
PERMIT NO.	43-	007-306dele		APPROVAL DATE			
APPROVED BY CONDITIONS OF APPROVA	L. PANY DE	STAIL	TITLE RE	BRADLEY (3. HILL	DATE	5/23/00
	_	11	* * * *	CLAMATION SE	ECIALIST	111	

T15S, R9E, S.L.B.&M.



Latitude = 39°30'59"

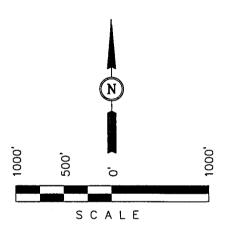
Longitude = 110°53'41"

MARATHON OIL CO.

Well location, SITLA #34-15, located as shown in the SW 1/4 SE 1/4 of Section 15, T15S, R9E, S.L.B.&M. Carbon County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 15. T15S, R9E, S.L.B.&M, TAKEN FROM THE PINNACLE PEAK QUADRANGLE, UTAH, CARBON COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5978 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR WINDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYO REGISTRATION, NO. 161319 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING VERNAL UTAH 84078 85 SOUTH 200 EAST -

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 10-5-99 1-4-00
D.K. L.J. C.B.T.	REFERENCES G.L.O. PLAT
WEATHER	FILE
COOL	MARATHON OIL CO.

LEGEND:

= 90° SYMBOL

PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.



Office (435) 789-0968 Cellular (435) 828-0968 350 S. 800 E. Vernal, UT 84078

January 15, 2000

Re: Well SITLA #34-15 SW/SE, Sec. 15, T15S, R9E Lease No. ML-47978-OBA

Utah Division of Oil Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

Dear Sirs:

Marathon Oil Company (Marathon) respectfully requests a spacing exception for the subject well. The well was originally requested for the center of the SW ¼ of the SE ¼ of Sec. 15, T15S, R9E. The location was moved due to topographic considerations, erosion potential, major and minor drainage's, access conditions and deer winter range. Please see the attached map for details.

The well is located 1,162' FSL, 1,337' FEL in Sec. 15, T15S, R9E.

A 460' radius around the proposed location is within the lease ML-47978-OBA. Please see the attached plat for details.

If you have additional questions please contact:

William (Bill) Ryan

Rocky Mountain Consulting

Agent

435-789-0968 Office

435-828-0968 Cellular

435-789-0970 Fax

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per Federal and State of Utah requirements dated June 15, 1988.

Please be advised that Marathon Oil Company is considered to be the operator of the following well.

SITLA #34-15 SW 1/4, SE 1/4, Section 15, T. 15 S., R. 9 E. Lease ML-47978-OBA Carbon County, Utah

Marathon Oil Company is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

State of Utah Blanket O&G Bond 5217029 and SITLA Bond 5922542 provides state wide bond coverage on State of Utah lands.

William A. Ryan

Agent

Rocky Mountain Consulting

350 S. 800 E.

Vernal UT 84078

435-789-0968 Office

435-828-0968 Cell

435-789-0970 Fax

Ten Point Plan

Marathon Oil Company

SITLA #34-15

Surface Location SW 1/4, SE 1/4, Section 15, T15S, R9E

1. Surface Formation:

Mancos

2. Estimated Formation Tops and Datum:

Formation	<u>Depth</u>	<u>Datum</u>
Mancos	Surface	+6,030' KB
Ferron	2,390'	+3,640'
#1 Coal	2,427'	+3,603'
#5 Coal	2,503'	+3,527'
Tunnunk	2,660'	+3,370'
T.D.	2,762'	+3,268'

3. Producing Formation Depth:

Formation objective includes both the #1 and #5 Coal.

4. Proposed Casing:

Hole	Casing	g Grade	Setting	Casing	
<u>Size</u>	<u>Size</u>	Weight/Ft.	& Tread	<u>Depth</u>	New/Used
11	8 5/8	24	J-55/STC/8rd	300	New
7 7/8	5 1/2	17	L-80/STC/8rd	T.D.	New

Cement Program:

Casing	Cement Type	Cement	Cement	Cement
<u>Size</u>		Amount	<u>Yield</u>	Weight
8 5/8	Premium Plus 2% Calcium Chloride .25 lb/sk. Cello Flake)	1.19 cu. ft./sk.	15.6 lbs./gal.

5 ½ Lead.

50/50 Pozmix 60 sks. +/- 1.89 cu. ft./sk. 12.7 lbs./gal. 10% Cal Seal 2% Calcium Chloride .25 lb/sk. Cello Flake 8% Gel

Tail

Thixotropic 120 sks. +/- 1.6 cu. ft./sk. 14.2 lbs./gal. 10% Cal Seal 1% Calcium Chloride

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 2000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

Interval	Mud weight <u>lbs./gal.</u>	Viscosity Sec./Qt.	Fluid Loss Ml/30 Mins.	Mud Type
0-300	Clear Water	30	No Control	Water/Gel
300-T.D.	8.4-8.6		8-10	Water/Gel

7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

a) Test:

None are anticipated.

b) Coring:

There is the possibility of sidewall coring.

c) Sampling:

Every 10' from 1,800' to T.D.

d) Logging:

Type

Interval

Array Induction-Gamma Ray-SP-Caliper

T.D. to Surf. Csg

High Resolution Spectral Density-PEF

T.D. to Surf. Csg

Compensated Neutron, Microlog

T.D. to Surf. Csg

9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated. Other wells drilled in the area have not encountered over pressured zones or H2S.

10. Drilling Schedule:

The anticipated starting date is April 15, 2000. Duration of operations expected to be 3 days.

MARATHON OIL COMPANY 2000 PSI BOPE ROTARY STANDPIPE **SWIVEL** DRILL PIPE STANDPIPE KELLY HOSE PRESSURE GAUGE KELLY COCK DRILL COLLAR 11 2000 WP STANDPIPE VALVE BIT SUB W/FLOAT 4" BIT FROM ROTATING RIG HEAD PUMPS SAFETY **FLOWLINE** VALVE (ON DERRICK FLOOR) FILL LINE OUTLET, INLET MANUAL OPERATING HANDLE 2000 WP BLIND RAMS AUX. ADJUSTABLE TO PIT 8 MUD CONNECT. CHOKE 2000 WP TANK . PIPE RAMS 5. BYPASS LINE 2" 2" 2000 WP TO PIT 8 MUD CHOKE LINE 2000 WP TANK KILL LINE 2000 WP CASING HEAD

ROCKY BLOWOUT, FAC REV. 12/97

MARATHON OIL CO.

13 POINT SURFACE USE PLAN

FOR WELL

MARATHON OIL CO.

SITLA #34-15

LOCATED IN

SW 1/4, SE 1/4

SECTION 15, T15S, R9E, S.L.B.&M.

CARBON COUNTY, UTAH

LEASE NUMBER: ML-47978-OBA

SURFACE OWNERSHIP:
STATE OF UTAH
SCHOOL AND INSTATUTIONAL TRUST LANDS ADMINISTRATION

1. Existing Roads

To reach the Marathon Oil Co. SITLA #34-15, in Section 15, T15S, R9E, from Price, Utah:

Starting in Price, Utah proceed south on State Highway 10. Proceed 6.0 miles and turn right (west) on an existing gravel road. Proceed 2.7 miles. Turn left (south) on an existing oil field access road. Proceed .5 miles. The proposed access will start at this point.

All existing roads to this point are State or County Class D roads except for the last .5 miles.

New construction will start at this point.

Please see the attached map B for additional details.

2. Planned access road

The proposed location will require approximately .6 miles +/- (3,168 feet) of new road construction.

Approximately .2 miles +/- (1,056 feet) of access road will require upgrading.

The road will be upgraded and built to the following standards:

A) Approximate length	4,224 Ft.
B) Right of Way width	30 Ft.
C) Running surface	18 Ft.
D) Surfacing material	Native soil &
-	crushed gravel

E) Maximum grade	9%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road flagged	Yes
K)Access road surface own	ership
State	of Utah, SITLA
L) All new construction on	lease Yes
M) Pipe line crossing	None
O) Stream crossings	None

Please see the attached location Map B for additional details.

2

A right of way will not be required for the proposed location.

3. Location of existing wells

P) Low water crossings

The following wells are located within a one mile radius of the location site.

A) Producing well	Three
· -	Sec. 14, & 23
	T15S, R9E
B) Water well	None
C) Abandoned well	None
D) Temp. abandoned well	None
E) Disposal well	None
F) Drilling/Permitted well	Five
,	Sec. 16 & 15,
	T15S, R9E
G) Shut in well	Two
•	Sun State 1-16
	Sec. 16, T15S, R9E
Ge	neral America 1-15
	Sec. 15, T15S, R9E
H) Injection well	None
I) Monitoring or observati	on well None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities, and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Juniper Green** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required **paint** color is **Juniper Green**.

No tanks will be required at the location.

A dike will be constructed around the whole location.

If the well is capable of economic production a gas gathering line, a produced water line and power cable will be required. All lines will be buried.

A. Produced Water Line

The proposed produced water lines will be constructed from the subject well to a proposed water disposal well in Sec. 23, T15S, R9E. Please see the attached produced water pipeline map.

Approximately 3,200° of 12" or smaller plastic/fiberglass gathering line would be constructed on SITLA lands the tie in point will be into a proposed line in Section 15, T15S, R9E.

Please see the attached location diagrams and **Water Pipeline map** for the location of the produced water pipeline. The Operator proposes burring the line 4 feet below the surface.

B. Gas Gathering Line

The Operator proposes building approximate 3,200 feet of plastic 14" or smaller gas gathering line. The line will start at the proposed location and be constructed to a tie in to a proposed central gas processing facility SWD #1 in Section 23, T15S, R9E. The proposed tie in will be in Section 14, T15S, R9E. Please see the attached gas gathering line map.

The gas line will be buried in the same trench used to install the produced water line as previously described.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated in place prior to any deliveries. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

Pipeline construction and seeding.

Silt controls will be used to minimize silt entry into Serviceberry Creek. Controls will include but not be limited to the following, silt catchment ponds, plastic dikes and the use of straw bails.

Sand bedding may be required to protect water and gas lines in rocky areas. The sand will come from an off sight location.

The gas and water lines will be buried. A track hoe or backhoe will be used to dig a trench approximately as wide as the bucket used to dig the trench and as deep as 4 feet. Trees will be removed as required for the trenches. When the water and gas lines are adjacent to a proposed road the topsoil will be removed from the road and pipeline and wind rowed along the side of the road and pipeline. When the pipeline is constructed cross-country the topsoil will be removed and wind rowed out side the area used to store material removed from the trench. A motor grader will be used to remove the topsoil. Topsoil will be replaces as soon as the trench has been back filled. Seed will be spread when the topsoil is replaced.

C. Electrical Power Cable.

The operator proposes installation of a power line at some time in the future. Currently Utah Power is not able to install or supply power for this well. Power should be available in the next year or two. The power cable will be installed in a trench on the opposite side of the road from the gas gathering line and the produced water line. Please see the attached power cable map. The line will be installed in a trench dug with a backhoe. The width will be the width of a bucket and 4' deep. The trench will be back filled as soon as the line has been installed. The disturbed area will be reseeded as soon as the trench is back filled. The seed mix will be as specified by the Utah Division of Oil Gas and

Mining. Erosion controls will be the same as listed for the water and gas gathering trench.

5. Location and type of water supply

Water for drilling and cementing the subject well will be trucked from **Price Cities** water tank on Highway 10.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 8 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to hold nonflammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank, for a period not to exceed 90 days after initial production. after the initial Produced water production will be piped to a proposed water injection well in Section 23, T15S, R9E.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the drilling and work over rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout and location.

The proposed location has been staked at 1,162' FSL, 1,337' FEL. The location has been moved out side the normal drilling window spacing due to topographic and mule deer winter range considerations.

Well-site layout

Location dimensions are as follow:

A) Pad length	230 ft.
B) Pad width	155 ft.
C) Pit depth	8 ft.
D) Pit length	80 ft.
E) Pit width	30 ft.
F) Max cut	12.7 ft.
G) Max fill	13.3 ft.
H) Total cut yds.	5,610 cu. yds.

I) Pit location north side
J) Top soil location south side
K) Access road location
L) Flare pit west end
corner C

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- a) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- e) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location, road and pipeline and the pit area. The topsoil removed and piled will amount to approximately 1,000 cubic yards of material on the location. Topsoil will be stockpiled in one distinct pile for the

location and wind rowed along side the pipeline for soil from the road and pipeline. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix provided by the Utah Division of Oil Gas and Mining. When all drilling and completion activities have been completed and the pit and pipeline trench back-filled the topsoil will be spread. The disturbed area will be seeded when the topsoil has been spread. The unused portion of the location (the area outside the dead men) will be recontoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when the topsoil is stock piled and when reclamation work is performed.

B) Seed Mix

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

The seed mix and quantity required will be provided by the State of Utah Division of Oil Gas and Mining

11. Surface ownership:

Access road	State of Utah, SITLA
Location	State of Utah, SITLA
Pipeline	State of Utah, SITLA

12. Other information

A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sagebrush, Rabbit brush, Bitter brush and Indian rice grass are also found on the location.

B) Dwellings:

There are no dwellings or other facilities within a one mile radius of the location.

C) Archeology:

The location has not been surveyed. The surveys have been scheduled and copy of the surveys will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would effect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is Serviceberry Creek 1,000 feet south of the location.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without the Division of Wildlife Resources approval.

F) Notification:

The Division of Wildlife Resources and the Division of Oil and Gas will be notified as follows.

a) Location construction

At least forty eight (48) hours prior to construction of location and access roads

b) Location completion

Notification will be given 24 hr prior to moving the drilling rig on location.

c) Spud notice

At least twenty-four (24) hours prior to spudding the well.

d) Casing string and cementing

At least twenty-four (24) hours prior to running casing and cementing all casing strings.

e) **BOP and related equipment tests**At least twenty-four (24) hours prior to initial pressure tests.

f) First production notice

Within five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.

g) Completion and work over

At least twenty-four (24) hours prior to moving the rig on location.

Division of Wildlife Resource 434-636-0260

Division of Oil, Gas, and Mining. 801-538-5340

H) Flare pit:

The flare pit will be located in corner C of the reserve pit out side the pit fence and 100 feet from the bore hole on the **north side of the location**. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

William A. Ryan

Rocky Mountain Consulting 350 South 800 East Vernal, Utah 84078

Office 435-789-0968 Fax 435-789-0970 Cellular 435-828-0968 All lease operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Marathon Oil CO. and its contractors and subcontractors conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date Job. 14, 2000

William A. Ryan, Agent Rocky Mountain Consulting

Onsite Date:

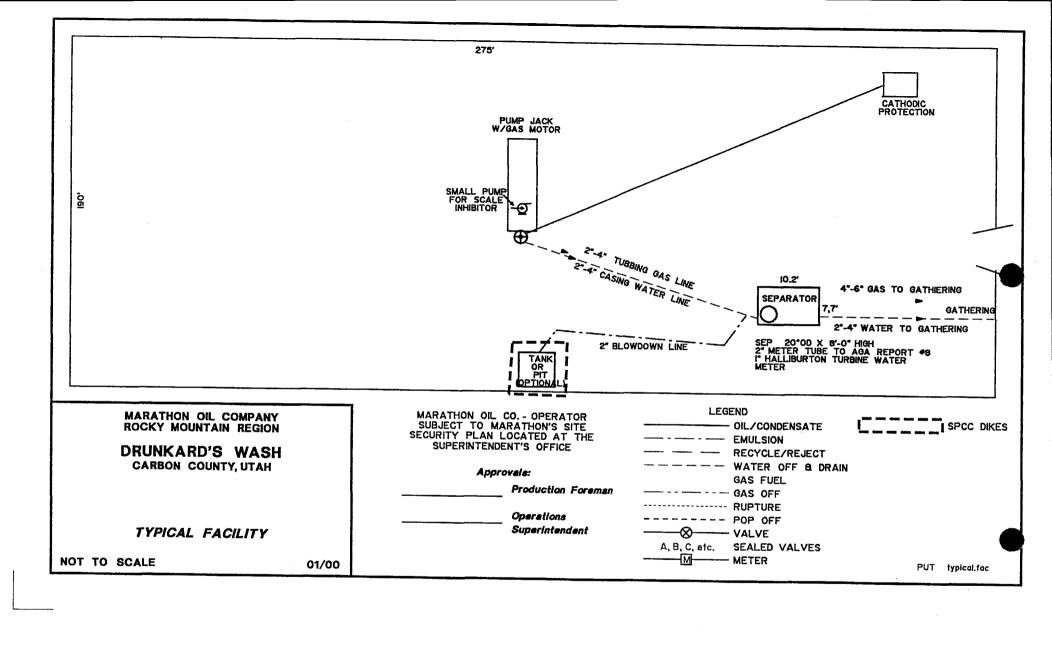
Statement of use of Hazardous Material

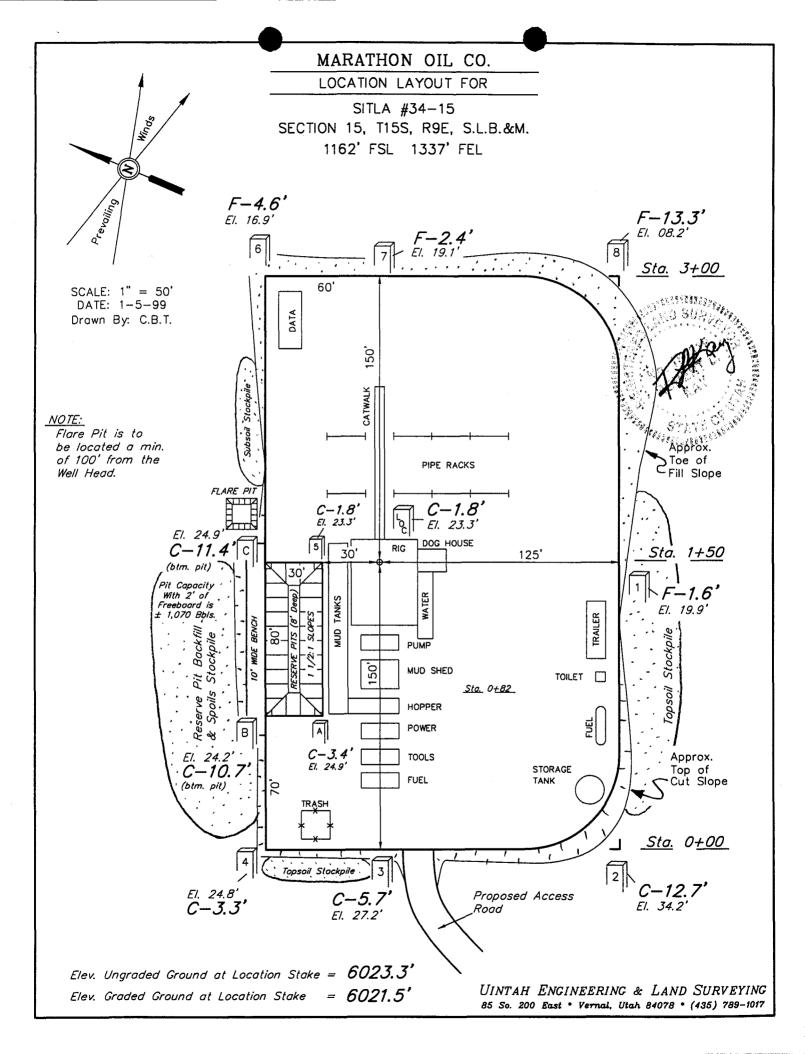
No chemical(s) from the EPA's Consolidated list of <u>Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986.</u>
Will be used, produced, transported, stored, disposed, or associated with the proposed action, No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

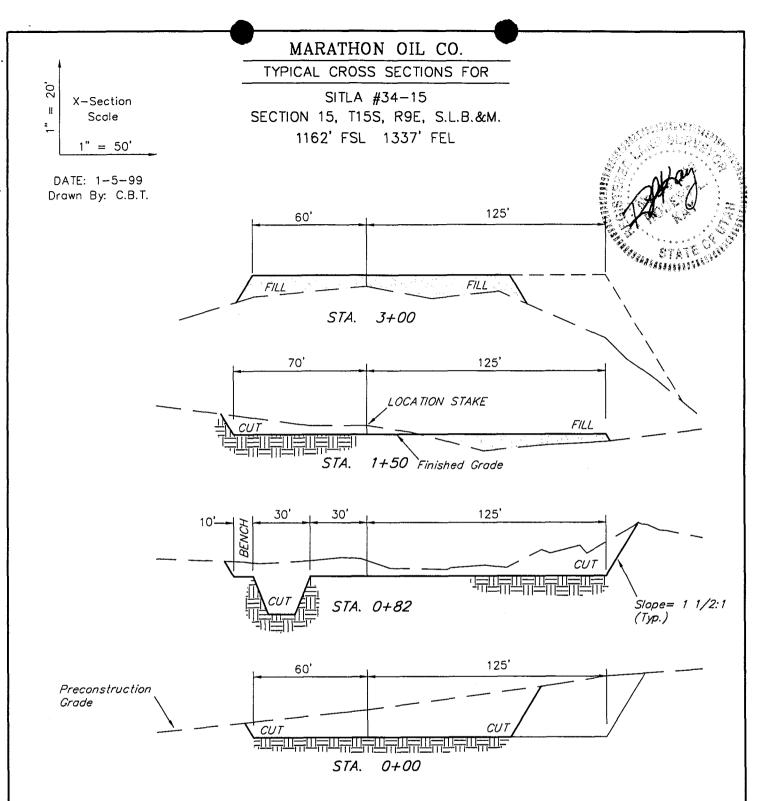
If you require additional information please contact:

William A Ryan Agent Rocky Mountain Consulting 350 S. 800 E. Vernal Utah, 84078

Telephone (435) 789-0968 office (435) 828-0968 cellular (435) 789-0970 fax







APPROXIMATE YARDAGES

= 1,030 Cu. Yds. (6") Topsoil Stripping

= 4,580 Cu. Yds. Remaining Location

> = 5,610 CU.YDS. TOTAL CUT

= 4,170 CU.YDS. FILL

EXCESS MATERIAL AFTER

5% COMPACTION

= 1,220 Cu. Yds.

Topsoil & Pit Backfill

= 1,220 Cu. Yds.

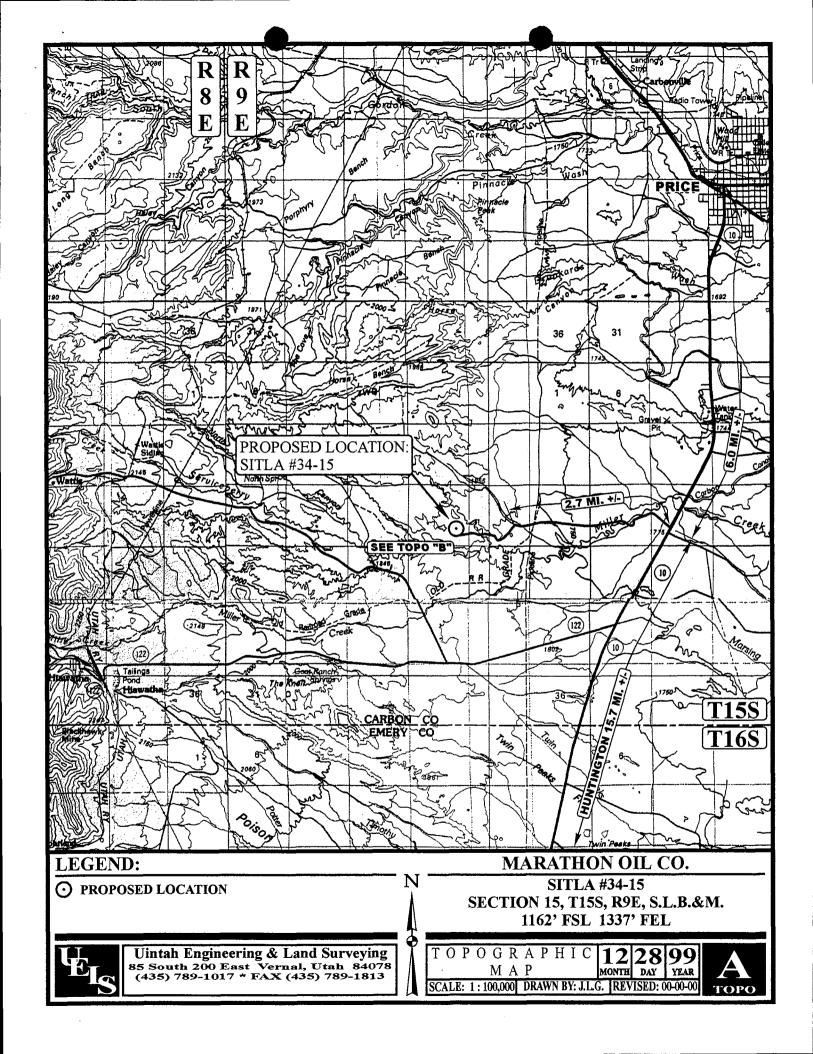
(1/2 Pit Vol.)

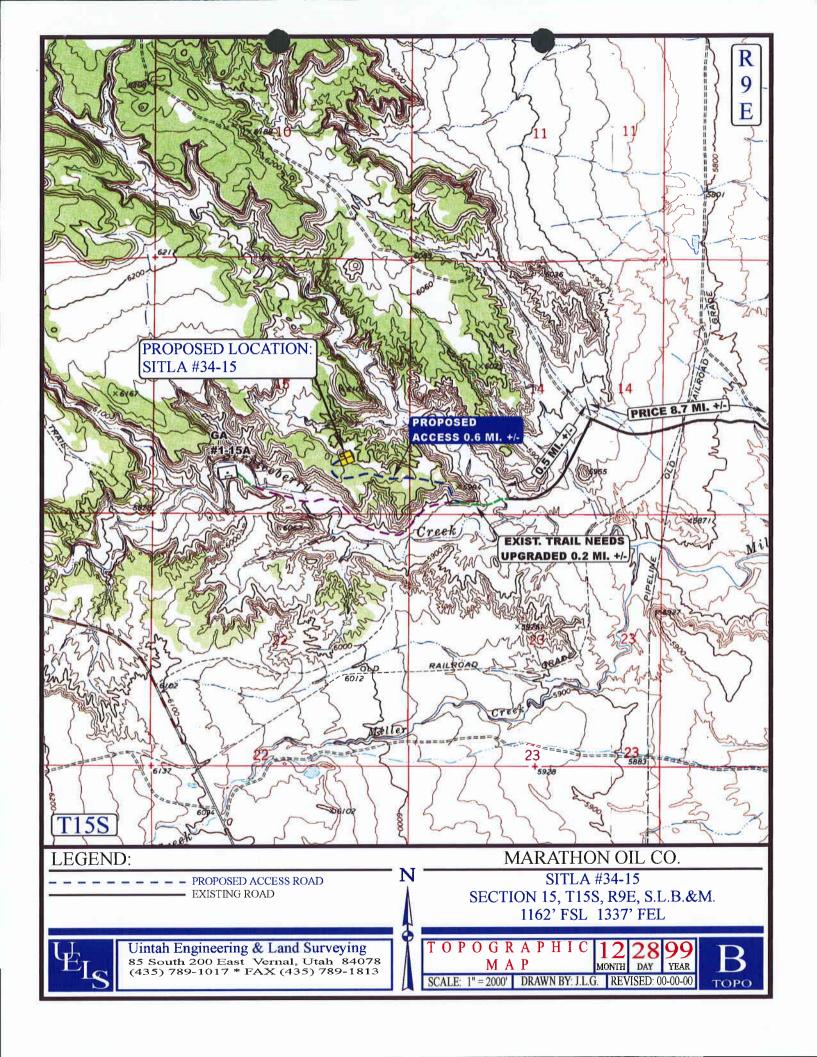
EXCESS UNBALANCE

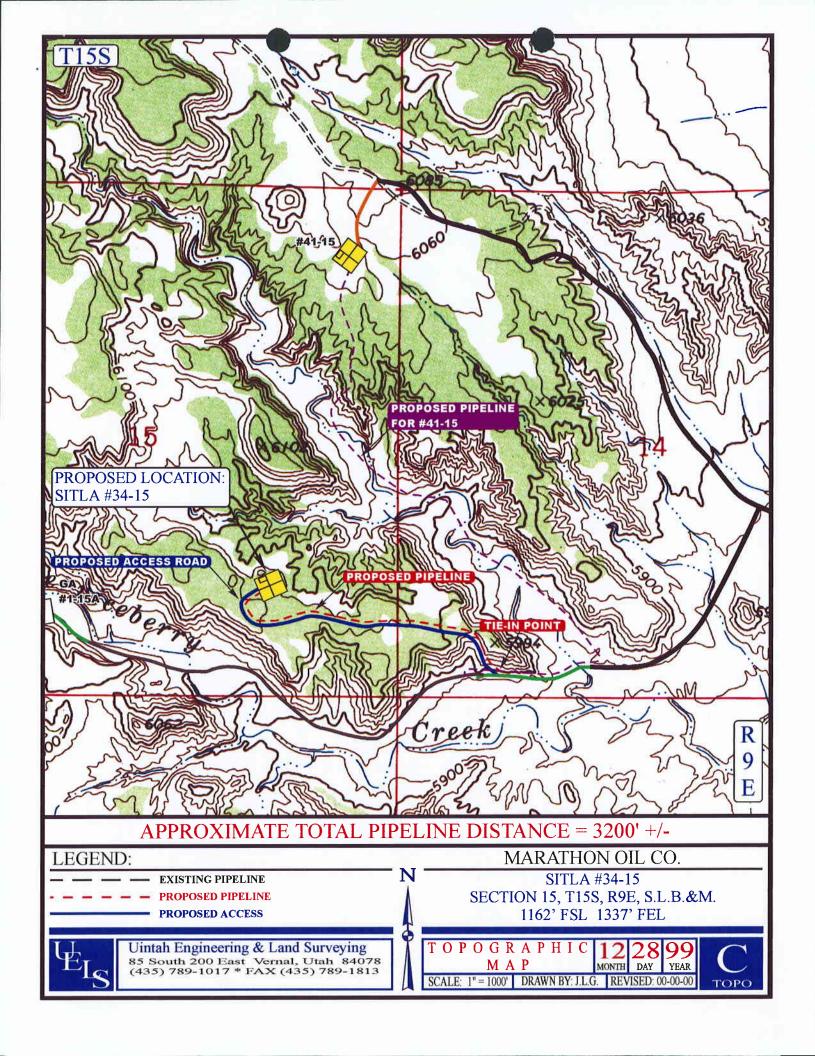
Cu. Yds.

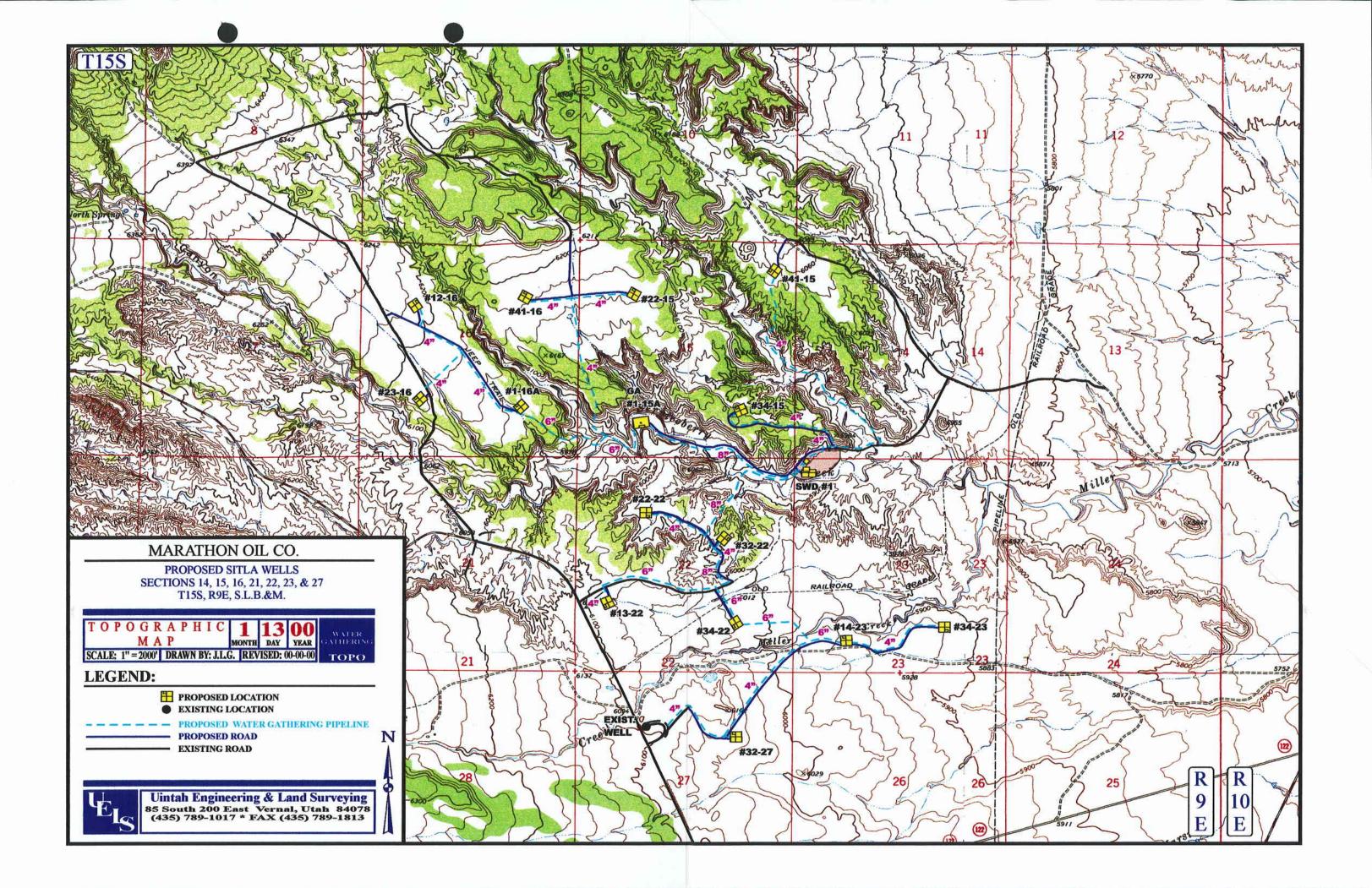
(After Rehabilitation)

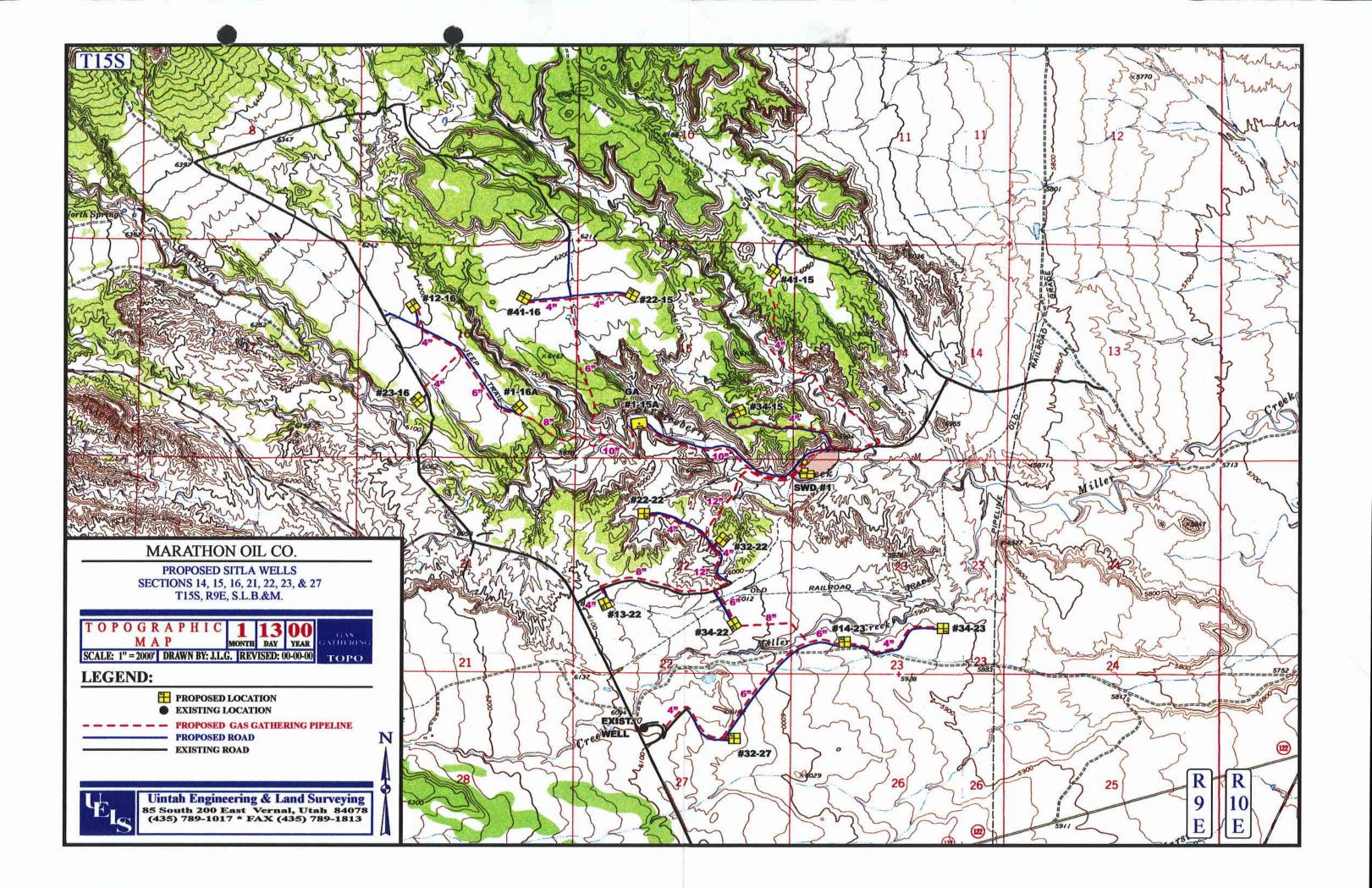
UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



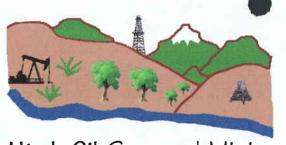








NUMBER: 4	ED: 43-007-306 35-789-0968 N BY: / /	/ Date 3-21-00
PECT LOCATN h Review ineering logy	N BY: / /	Date
h Review ineering logy	Initials	Date
ineering		
logy	eje	3-21-00
face		
ON AND SIT	ING:	
k649-2-3. (Unit	
· · · · · · · · · · · · · · · · · · ·		
	_	
Board Cause	,	(160)
	h Dd. Unit Boundary	8. 1320 betwee
	/	ill W
	R649-2-3. R649-3-2. Giting: R649-3-3. Drilling United Board Cause Eff Date: Siting: (40)	Eff Date: 10-13-98



Utah Oil Gas and Mining

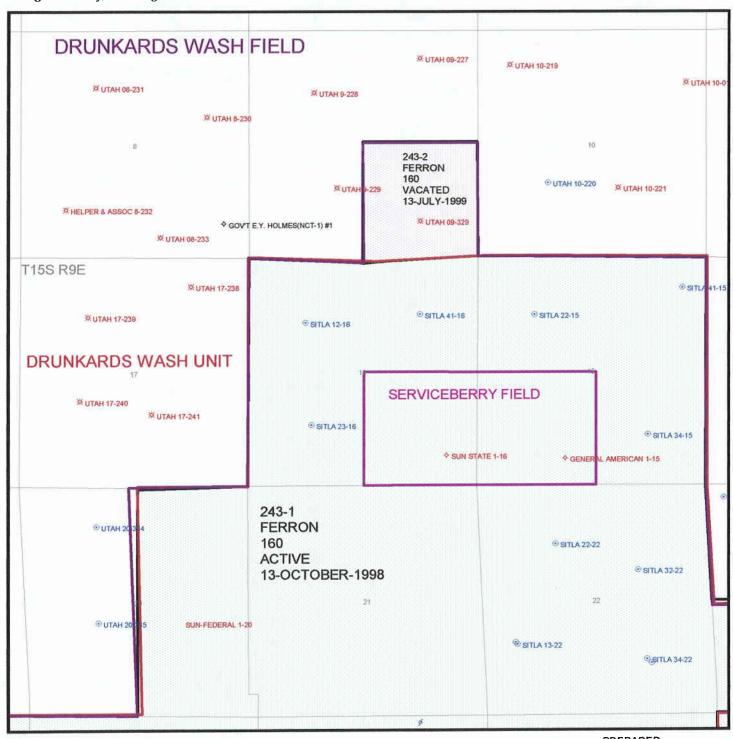
Serving the Industry, Protecting the Environment

OPERATOR: MARATHON OIL COMPANY (N3490)

FIELD: UNDESIGNATED (002)

SEC. 15 & 16, T 15 S, R 9 E

COUNTY: CARBON CAUSE No: 243-1 160 ACRES



PREPARED DATE: 17-Feb-2000

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Marathon Oil Company
WELL NAME & NUMBER: SITLA #34-15

API NUMBER: 43-007-30666

LEASE: SITLA FIELD/UNIT: Drunkards Wash

LOCATION: 1/4,1/4 SWSE Sec: 15 TWP: 15 S RNG: 9 E 1337 FEL 1162 FSL

LEGAL WELL SITING: 660'F SEC. LINE; 660 F 1/4,1/4 LINE; 1320F ANOTHER WELL.

GPS COORD (UTM): X = 508964; Y = 4373894

SURFACE OWNER: SITLA

PARTICIPANTS

C. Kierst (DOGM), C. Colt (DWR), B. Ryan (Rocky Mtn. Consulting), D. Kay (U.E.L.S.), Randy Meabon (Marathon), D. Wilcox (Nielson Construction, C. Arterbery (drilling consultant)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~6 miles east of the base of Wasatch Plateau. The location is on Quaternary/Tertiary Pediment Mantle covering the westward-dipping Blue Gate Member of the Mancos Shale (below the Garley Canyon Beds). The pad is on a southeastward-trending, elongate, low bluff. The pad is ~2.25 miles north of the intersection of the Wattis Highway and State Highway 122. It is ~1 mile north northwest of Miller Creek and ~1000' northeast of Serviceberry Creek. Igneous intrusive dikes having surface expression are in the area.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 300' X 185' pad with 80' X 30' X 8' inboard pit, ~0.6 mile of new road are requested.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 2 SGW status CBM wells (Marathon), 1 APD status CBM location (Fleet), 3 PGW status CBM production wells (RGC) and 5 NEW status CBM locations (Marathon).

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Questar gas pipeline ~1 1/4 miles east of the pad (Questar pipeline runs north-south).

SOURCE OF CONSTRUCTION MATERIAL: Material will be borrowed from the pad at the time of construction. Water turnouts and berms will be placed as needed and the road and pad will be graveled as needed.

Ancillary gravel needs will be satisfied by the dirt contractor from legally permitted sources. Water will be from the City of Price.

ANCILLARY FACILITIES: none

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into

centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a Marathon-operated salt water disposal well. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used.

ENV

DOGM REPRESENTATIVE

ENVIRONMENTAL PARAMETERS
AFFECTED FLOODPLAINS AND/OR WETLANDS: Location is ~1 mile north northwest of Miller Creek, a year-round flowing watercourse, and ~1000' northeast of seasonal, ephemeral Serviceberry Creek. The Price River is about 6.5 miles to the northeast.
FLORA/FAUNA: Sagebrush, juniper, pinyon, rabbit brush bitter brush ar indian rice grass / birds, lizards, coyotes, rodents, raptors, elk, deer, reptiles. Nesting raptor issues - exception granted if drilled after 7/15/2000. Workovers needed between 2/1 and 7/15 should be coordinated with DWR to minimize nest abandonment. Big game winter range.
SOIL TYPE AND CHARACTERISTICS: Moderately-permeable silty soil on Quaternary/Tertiary Pediment Mantle. (SM-GM)
SURFACE FORMATION & CHARACTERISTICS: Quaternary/Tertiary Pediment Mantle on the Blue Gate Member (below Garley Canyon Beds) of the Mancos Shale.
EROSION/SEDIMENTATION/STABILITY: Stable.
PALEONTOLOGICAL POTENTIAL: None observed.
RESERVE PIT CHARACTERISTICS: Dugout, earthen pit, as above.
LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner
SURFACE RESTORATION/RECLAMATION PLAN As per State surface agreement.
SURFACE AGREEMENT: Agreement filed with State.
CULTURAL RESOURCES/ARCHAEOLOGY: Completed but not yet filed with the State
OTHER OBSERVATIONS/COMMENTS Exception location. Drill after 7/15 because of active raptor nests
ATTACHMENTS: 4 Photos were taken of this location. (5-8)
Chria Miorat 9-March-2000 10:25 AM

DATE/TIME

Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15 20	0
<25 or recharge area	20	<u> </u>
Distance to Surf. Water (feet) >1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	0
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	0
<500	20	0
Distance to Other Wells (feet) >1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0 10	
Mod. permeability High permeability	20	10
night betweeprize	20	
Fluid Type	_	
Air/mist	0	
Fresh Water	5 10	
TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of	10	
hazardous constituents	20	0
Drill Cuttings		
Normal Rock	0	0
Salt or detrimental	10	0
- 1 - 1 that is a time has		
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	5
Affected Populations	2	
<10	0	
10 to 30 30 to 50	6 8	
>50	10	0
7.50		
Presence of Nearby Utility		
Conduits	_	
Not Present	0	
Unknown	10 15	0
Present	10	<u> </u>

Final Score 15 (Level II Sensitivity)

APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: Marathon Oil Company

Name & Number: SITLA #34-15

API Number: 43-007-30666

Location: 1/4,1/4 SWSE Sec. <u>15</u> T. <u>15 S</u> R. <u>9 E</u> County: <u>Carbon</u>

Geology/Ground Water:

The surficial Quaternary/Tertiary Pediment Mantle is of limited areal extent and unlikely to contain a ground water resource. No high quality ground water is expected to be encountered. The proposed casing and cement program will adequately isolate any zones of water penetrated.

Underground water well water rights exist within a mile radius involving two River Gas CBM production wells in Section 14.

Reviewer: C. Kierst Date: 3/16/2000

Surface:

The silty, moderately-permeable soil is developed on Quaternary/Tertiary Pediment Mantle covered bluffs protecting erosional remnants of the Blue Gate Member of the Mancos Shale. The nearest moving surface waters are ~1 mile southeast in Miller Creek. Pit integrity will be maintained by the use of a synthetic liner. There are no nearby culinary or irrigation water supply wells. The site was photographed and characterized on 3/9/2000. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. The well utilities and water gathering system will follow the approach roadway.

Reviewer: C. Kierst Date: 3/16/2000

Conditions of Approval/Application for Permit to Drill:

1) Culverts sufficient to manage expected runoff, standing and surface water shall be installed in crossed drainages.

2) Berm location and pit.

3) Minimum 12 mil synthetically lined pit and blooie pit.

4) Site infrastructure as per drilling location plat.

5) Dust abatement will be used while drilling and on access roads.

6) 404 Dredge and Fill Permits must be obtained when required or waived by the U.S. Army Corp. of Engineers or their authorized agents for crossings of any watercourses by pipelines or access roads, or prior to any bank or streambed modifications.

7) Compliance with terms of the governing EIS.

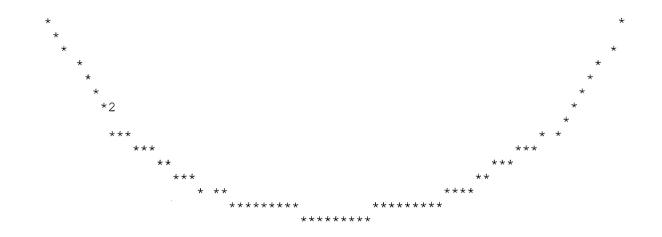
UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, MAR 16, 2000, 1:46 PM
PLOT SHOWS LOCATION OF 5 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT N 1162 FEET, W 1337 FEET OF THE SE CORNER, SECTION 15 TOWNSHIP 15S RANGE 9E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET

NORTH

1



UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHA	WATER R RIGHT	 QUANTITY CFS AND/OR		RCE DESCRIPTION			NT OF D	IVERSION	N DESCRIP EC TWN	TION RNG	B&M
0	91 4952	5.0000 USE(S): IRRIGATI Gas Corporation					E 138	PRIOR	14 15S ITY DATE: rthport	9E 06/23	
0	a19276	5.0000 USE(S): IRRIGATI Gas Corporation			S Blvd.	980	E 138	PRIOR	14 15S ITY DATE: rthport	9E 08/31	
1	91 4952	5.0000 USE(S): IRRIGATI Gas Corporation					E 139	PRIOR	14 15s ITY DATE: rthport	9E 06/23	
1	<u>a19276</u>	5.0000 USE(S): IRRIGATI Gas Corporation	ON STOCKWATE		N Blvd.		E 139	PRIOR	14 15S ITY DATE: rthport	9E 08/31	

2 91 4980 .0000 4.73 Unnamed Washes S 2300 E

WATER USE(S): STOCKWATERING
State of Utah School & Institutional Tru 675 East 500 South, 5th Floor

200 SW 15 15S 9E SL PRIORITY DATE: 01/26/19 Salt Lake City

Well name:

3-00 Marathon SITLA #34-15

Operator:

Marathon

Design is based on evacuated pipe.

String type:

Surface

Project ID:

43-007-30666

Location:

Carbon County

Design parameters: Minimum design factors: **Collapse**

8.330 ppg

Collapse:

Design factor 1.125 **Environment:**

H2S considered? Surface temperature: No 75 °F

Bottom hole temperature: Temperature gradient:

79 °F 1.40 °F/100ft

Minimum section length:

Non-directional string.

160 ft

Burst:

Design factor

1.00

Cement top:

0 ft

Burst

Max anticipated surface

No backup mud specified.

pressure:

Mud weight:

0 psi

Internal gradient: Calculated BHP

0.433 psi/ft

130 psi

Buttress: Premium:

Body yield:

Neutral point:

8 Round LTC:

Tension: 8 Round STC:

Tension is based on buoyed weight.

1.80 (J) 1.80 (J) 1.60 (J)

1.50 (J) 1.50 (B)

262 ft

Re subsequent strings: Next setting depth: Next mud weight:

1,850 ft 8.330 ppg 801 psi

Next setting BHP: Fracture mud wt:

19.250 ppg 1,850 ft

Fracture depth: Injection pressure

1,850 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	14.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	i30´		10.56	130	2950	22.73	6	244	38.74 J

RJK Prepared

Utah Dept. of Natural Resources by:

Date: March 21,2000 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

3-00 Marathon SITLA #34-15

Operator:

Marathon

String type:

Production

Location:

Carbon County

Project ID:

43-007-30666

Design parameters:

Collapse

Mud weight:

8.330 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125 **Environment:**

H2S considered?

75 °F Surface temperature:

Bottom hole temperature: Temperature gradient:

Non-directional string.

114 °F 1.40 °F/100ft

Minimum section length:

368 ft

Burst:

Design factor

Tension:

8 Round STC:

8 Round LTC:

1.00

Cement top:

1,685 ft

No

Burst

Max anticipated surface

No backup mud specified.

pressure:

0 psi

Internal gradient: Calculated BHP

0.433 psi/ft

1,195 psi

Buttress: Premium:

Body yield:

1.50 (J)

1.50 (B)

1.80 (J) 1.80 (J)

1.60 (J)

Tension is based on buoyed weight.

Neutral point:

2,413 ft

Run Seq	Segment Length (ft) 2762	Size (in) 5.5	Nominal Weight (lbs/ft) 17.00	Grade L-80	End Finish LT&C	True Vert Depth (ft) 2762	Measured Depth (ft) 2762	Drift Diameter (in) 4.767	Internal Capacity (ft³) 95.2
Run Seq	Collapse Load (psi) 1195	Collapse Strength (psi) 6290	Collapse Design Factor 5.26	Burst Load (psi) 1195	Burst Strength (psi) 7740	Burst Design Factor 6.48	Tension Load (Kips) 41	Tension Strength (Kips) 338	Tension Design Factor 8.24 J

Prepared RJK

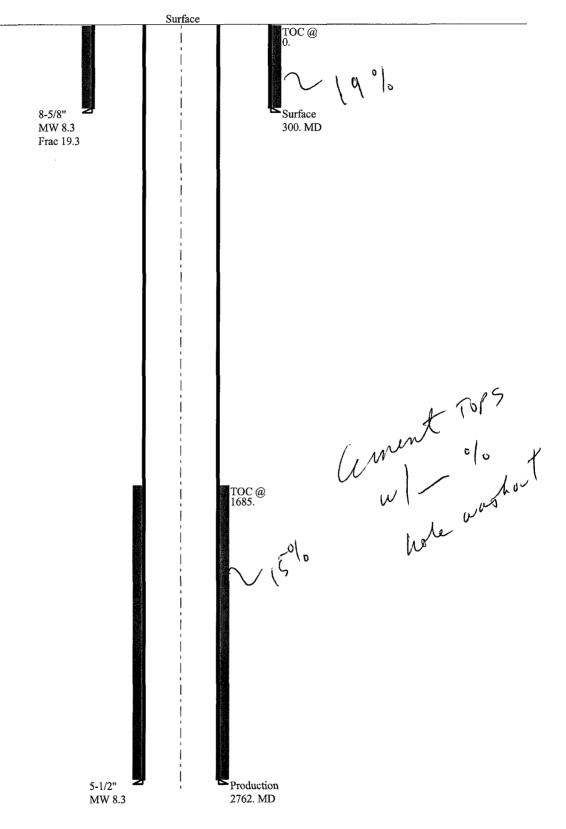
Utah Dept. of Natural Resources

Date: March 21,2000 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 2762 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Casing Schematic





State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor

Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

March 23, 2000

Marathon Oil Company 1501 Stampede Avenue Cody, WY 82414

Re:

SITLA 34-15 Well, 1162' FSL, 1337' FEL, SW SE, Sec. 15, T. 15S, R. 9E,

Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the enclosed Conditions of Approval, approval to drill the referenced well is granted.

This approval will expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30666.

Sincerely,

John R. Baza

Associate Director

er

Enclosures

cc:

Carbon County Assessor

SITLA

Operator:	<u>Maratl</u>	ion Oil Compa	any	-	
Well Name & Number: _	SIT	LA 34-15		·	
API Number:	43-00	7-30666	·		
Lease:	ML-47	978-OBA			
Location: SW SE	Sec. <u>15</u>	T. <u>15S</u>	R. <u>9E</u>		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801)538-5338
- Robert Krueger at (801)538-5274 (plugging)
- Carol Daniels at (801)538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: MARATHON O	OIL COMPANY
Well Name: SITLA 34-15	
Api No 43-007-30666	LEASE TYPE: STATE
Section 15 Township 15S Range	09E County <u>CARBON</u>
Drilling Contractor <u>ELLENBURG DRII</u>	LLING RIG # 15
SPUDDED:	
Date <u>07/22/2000</u>	
Time 9:15 AM	
How	
Drilling will commence	
Reported by	
Telephone #	
Date 07/25/2000 Sign	ed: CHD

Form 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number
ML-47978-OBA

			7. Indian Allottee or Tribe Name
	S AND REPORTS ON		NA NA
Do not use this form for proposals to drill new w		plugged and abandoned wells.	8. Unit or Communitization Agreement
	ION FOR PERMIT for such proposals		NA
1. Type of Well Oil Gas			9. Well Name and Number
└── Well	Other (specify) ?		SITLA # 34-15
2. Name of Operator			10. API Well Number
	thon Oil Company	N	43-007-30666
3. Address of Operator	TT	4. Telephone Number	11. Field and Pool, or Wildcat
1501 Stampede Ave., Cod 5. Location of Well	y, wyoming 82414	307-527-2211	DRUNKARD'S WASH
Footage :	1162' FSL, 1337' FEL	County :	CARBON
QQ, Sec, T., R., M	SWSE 15-15S-9E	State :	UTAH
10000000000000000000000000000000000000	000000000000000000000000000000000000000	onese e e e e e e e e e e e e e e e e e e	REPORT, OR OTHER DATA
NOTICE OF I			SEQUENT REPORT
(Submit in Dup			mit Original Form Only)
	 , ´	 	
Abandonment	New Construction	Abandonment	
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans	Recompletion	Change of Plar	Shoot or Acidize
Conversion to Injection	Shoot or Acidize	Conversion to I	njection Vent or Flare
Fracture Treat	Vent or Flare	Fracture Treat	Water Shut-Off
Multiple Completion	Water Shut-Off	X Other	SPUD
Other			
		Date of Work Completion	07/25/2000
Approximate Date Work Will Start			
			Completions and Recompletions to different reservoirs OR RECOMPLETION AND LOG form.
			ed by a cement verification report.
			ates. If well is directionally drilled, give subsurface
locations and measured and true vertical d	epths for all markers and zones pertine	nt to this work.)	
THE ABOVE NAMED WELL WAS	S SPLIDDED ON 7/25/00 WI'	TH ELENBLING DIG #19	5
		III ELENDUKU KIO #1.	·
SURFACE CASING WAS PRE-SET	10 331 .		
	TTD (00 II)		
GL: 6022'	KB: 6034'		
			West of the second
			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
			DIVISION OF
			OIL, CAS AND MOUNT
CC: WRF,RPM,DRILLING,DTJ,T&	C(HOU),MEW		,
,	,,		
14. I hereby certify that the foregoing is t	rue and correct.		
Name & Signature R.P. Meabon	RAMAS	Title Re	eg. Coord. Date 07/26/00
Name & Signature R.P. Meabon	nis trave	Tille Re	g. Cooru. Date 07/20/00

Marathon Oil Company Rocky Mountain Region 1501 Stampede Ave. Cody, WY 82414

August 15, 2000

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Type of Logs Rec! Spectral Litha Density I Comprensated Neutron Lamma Ray Ly Diled in Ly Zile

APT # 43-009-30666

Enclosed are logs from SITLA #34-15 (SE 15 15S 9E) drilled 7-27-2000, and SITLA #22-15 (NW 15 15S 9E) drilled 8-1-2000.

To be filed whan DNR.



DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Marathon Oil Company

Operator Account Number:

N 3490

Address:

Attn: Michael L. Meyer

539 South Main St.

Findlay, OH 45840

Phone Number:

(419) 421-3217

Well 1

API Number	Well	Well Number			Twp	Rng	County
43-007-30668	Sitla 41-16		NE NE 16 15S			9E	Carbon
Action Code	Current Entity Number	New Entity Number	Spi	id Date	! !	E	ntity Assignment Effective Date
Α	99999	12877	7-28-00			4	9-13-10

Well 2

API Number	Well	QQ Sec Twp			Rng	County	
43-007-30664	Sitla 22-15		SE NW 15 15S			9E	Carbon
Action Code	Current Entity Number	New Entity Number	Spı			ntity Assignment Effective Date	
Α	99999	12878	7-30-00		9	-13-00	

Well 3

API Number	Well	QQ Sec Twp			Rng	County			
43-007-30666	Sitla 34-15		SW SE 15 15S			9E	Carbon		
Action Code	Current Entity Number	New Entity Number	Spı	d Date		Entity Assignmen			
Α	99999	12879	7-	25-00		9	9-13-00		

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Michael L. Meyer

Name (Please Print)

hael L. Meyer

Signature

Supervisor (RMS)
Title

9-8-00

Date

(6/2000)

RECEIVED

SEP 1 1 2000

DIVISION OF OIL, GAS AND MINING

Form 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		<u>M</u> L-47978-OBA
QUURBY 107/07/2 (115 5-505-5 5)	LVAVENIA	7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS OF		NA 8. Unit or Communitization Agreement
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter Use APPLICATION FOR PERMIT — for such proposals	bin88en win anaung ien weiler	NA
1. Type of Well		9. Well Name and Number
Oil Gas Other (specify) 2		SITLA # 34-15
2. Name of Operator		10. API Well Number
Marathon Oil Company		43-007-30666
3. Address of Operator	4. Telephone Number	11. Field and Pool, or Wildcat
1501 Stampede Ave., Cody, Wyoming 82414	307-527-2211	DRUNKARD'S WASH
5. Location of Well Footage : 1337' FEL, 1162' FSL	County :	CARBON
04405 45 450 05	State :	UTAH
QQ, Sec, T., R., M SWSE 15-15S-9E 12 CHECK APPROPRIATE BOXES TO INDICATE		
NOTICE OF INTENT		SSEQUENT REPORT
(Submit in Duplicate)	·	omit Original Form Only)
Abandonment New Construction	Abandonment	* New Construction
Casing Repair Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans Recompletion	Change of Plar	
Conversion to Injection Shoot or Acidize	Conversion to I	=
Fracture Treat Vent or Flare	Fracture Treat	
	X Other	
Multiple Completion Water Shut-Off Other		1 list i roddelloli
Other	Date of Work Completion	Sept. 27, 2000
Approximate Date Work Will Start		
		Completions and Recompletions to different reservoirs DR RECOMPLETION AND LOG form.
		ed by a cement verification report.
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all perti- locations and measured and true vertical depths for all markers and zones pertine	nent details, and give pertinent d	ates. If well is directionally drilled, give subsurface
locations and measured and tide vertical deputs for all markets and zones pertine	int to this work.)	
This well first produced as an Active Single (S1) Ferron gas produ	cer on Sept. 27, 2000.	
5 T	1	
		The same and the same and the same and
		El du Europa Mandolf ed desti de Me dicente d'anno de la
		Property of the Control of the Contr
		passion of
CC: WRF,RPM,DTJ,T&C(HOU),MEW		oil, gas and maing
cc. wid , id wi, b 10, 1 dec(1100), will w		
14. I hereby certify that the foregoing is true and correct.		
14. I hereby certify that the foregoing is true and correct		
0000	Title R <i>e</i>	eg. Coord. Date 10/10/00
Name & Signature R.P. Meabon R.P. Meabon (State Use Only)	Title Re	eg. Coord. Date 10/10/00

FORM 8					- 117411						
		MOION			FUTAH GAS AND	MINUNIC			5 LEASE D	ESIGNATION	AND SERIAL NO.
•	L		UF '	JIL, C	JAS AND	MINING		-			978-OBA
					UDI ETIO	U DEBOE	T AND	100	6. IF INDIA		E OR TRIBE NAME
WELL C	OMP	LEHON	OH H	ECO	MPLETIO	NREPOR	TI AND	LOG		١	۱A
1a. TYPE OF WELL	L:	OIL	T	GAS	X DRY	7			7. UNIT AC	GREEMENT N	AME
		WELL		WELL	۲۲۰۰۰ ۲۰۰۰۲	Other					١A
b. TYPE OF COMI	PLETION:							•	8. FARM C	R LEASE NA	
NEW X	WORK	DEEPEN		PLUG BACK		Other			1	CI-	ΓLA
2. NAME OF OPERAT	OVER		<u> </u>	BACK	RESVR.	Other			9. WELL N		ILA
Z. NAME OF OFERA	IOK	M	ARATH	IO NO	L COMPANY	•				34	-15
3. ADDRESS OF OPE					_				1	AND POOL, O	
					CODY, WYO		4		+		RD'S WASH
4. LOCATION OF At surface	WELL (Re	port locations cle	arly and	in accordai	nce with any State	requirements.*)			OR ARE		BLOCK AND SURVEY
At Sarace		116	2' FSL	., 1337'	FEL SWS	E					
At top prod. interval	l reported l			,						15-1	5S-9E
	,								1		
At total depth				14. API NO		DATE ISSU			12. COUNTY		13. STATE
SAME			1.2.2.		007-30666		3/23/2000	CD FMC:	CA	RBON	UTAH
7/22/2000	-	r.d. reached /27/2000	1	TE COMPL 28/2000		1	s (df. rkb, ri 1022' GR.	, gr, etc.) 6034' f	oke		19. ELEV. CASINGHEAD NA
20. TOTAL DEPTH, A		21. PLUG BA			U	1 0	23. INTERVAL		TARY TOOLS	····	CABLE TOOLS
					HOW MAI	NY*	DRILLED				1
2762 MD 24. PRODUCING INTE	2762 T	2718	MD TOP	2718	TVD	TVD)	>	<u> 10 -</u>	2762'		NA
24. PRODUCING INTE	erval(s), (OF THIS COMPLE	1014101	, BOTTOM,	, NAME (MD AND	1 4 0)					25. WAS DIRECTIONAL SURVEY MADE
			24	00' - 24	197' gross - F	erron Coal					
AC MADE DI DOMINIO						22 WAS W	ELL COREDA	YES	NO.	N .	(Sub-site and said)
26. TYPE ELECTRIC A	and other	LD/CNT/GF	CBL/	CCL/G!	R-10-3-0		ELL CORED? STEM TEST?	YES	NO	X	(Submit analysis) (See reverse side)
23.	<i>(</i> (0)11/0	20,011,01	,, 000	002,0.	CASING RECO		strings set in w	ell)	_		
CASING SI		WEIGHT,			I SET (MD)	HOLE SIZE		CEMENTING			AMOUNT PULLED
8-5/8		24#			43' KB	11"			Prem G		0
5-1/2		17#	ŧ	27	2760' KB 7-7/8" Lead- 125 sxs ! Tail - 195 sxs					0	
			1				Tall	- 195 SX	STHIXOU	opic	
29.		LIN	ER RECO	RD			30.		TUBING RE	CORD	
SIZE	TC	OP (MD)		M (MD)	SACKS CEMENT	SCREEN (MD)	SIZE		EPTH SET (PACKER SET (MD)
none							2-7/8"		2607' KI	3	none
<u></u>					<u> </u>				_		
31. PERFORATION RE	ECORD (In	terval, size and nu		הוציוה	NUMBER	32. DEPTH INT	ACID, SHO				ZE, ETC.
INTERVAL 240)05 - 24	10'		<u>size</u> .7 gm	<u>NUMBER</u> 41	2400'					276 gals 20# gel
2453-59', 2463'				.7 gm	68		- 2497'				98 gals 20# gel
2433-39 , 2403	-05, 2472	z - 7 O , zango - o j	(., 9	00	2.100	2,07	- 00,	700# 10 00	00 111 21,0	oo galo zon gol
					•				 		
33.*						PRODUCTION				,	
DATE FIRST PRODUC		PRODUCTION		_	gas lift, pumpingsiz					ŀ	JS (Producing or shut-in)
9/28/0 DATE OF TEST		HOURS TESTED	СНОКЕ		- 175/4100 F	OIL-BBLS.	GASMCF.	ıp	WATERBBL	Producir	GAS-OIL RATIO
J.,,,,, Ot 1101			JO.K.		TEST PERIOD	<i></i>	J.,OI,				
10/10/200	700	24		na	>	0	300		136		na
FLOW. TUBING PRES	SS.	CASING PRESSUR	l l	ILATED JR RATE	OIL-BBL.	GASMCF.	•	WATERE	BL.	OIL GRAVITY	/-API (CORR.)
50		50	24-1100	>	0	1	300	, 1	36	,	na
34. DISPOSITION OF (GAS (Sold,		ed, etc.)					<u> </u>	TEST WITH	ESSED BY	1144
			<u>.</u>	Sold		,				Field Su	pervisor

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED DRN Role

TITLE REGULATORY COORDINATOR

DATE

10/16/00

INSTRUCTIONS

tests, and directional surveys as required by Utah Rules should be attached and submitted with this report. This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs,

pertinent to such interval. separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a ITEMS: 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

the cementing tool. ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

							1	1			37.
							FORMATION	time tool open, flowing and shut-in pressures, and recoveries.	and all drill-stem tests, including depth interval tested, cushion used,	Show all important zone	
							TOP	and shut-in p	including de	es of porosity	US ZONES:
	-	 			-		BOTTOM	pressures, and	oth interval tes	and contents	
							DESCRIPTION, CONTENTS, ETC.	d recoveries.	sted, cushion used.	Show all important zones of porosity and contents thereof; cored intervals;	
	-	-	-		Tununk		NAME				38. G
					2360 2652	MEAS. DEPTH	T				GEOLOGIC MARKERS
	·			-,	2360 2652	TRUE VERT. DEPTH	TOP			1	S

Sitla 34-15

East-West Distance (ft) 1337.0	From E or W Line	NS Dist. (ft) 1162.0	From N or S Line			
Latitude (DMS)		Longitude (DMS)				
Legal Survey Type Congression		Surface Legal Location SW/SE Sec. 15, T15S, R9E				

API 43-007-		Field Name Drunkards Wash	Area Pric	ce, UT	Pperator Marathon Oil Company	Carbon	State/Province Utah
KB Elev (ft) 6034.00	Ground Elev (ft) 6022	Casing Flang	e Elev (ft) 22.00	KB-Ground (ft) 12.00	KB-Casing Flange (ft)Spud 12.00		22/00

auzn	Wellbore: 9/26/00 (KB-Grd: 12.0ft)		600
ftKB (MD)	Schematic - Actual	Geology	Wellbore
(IVID)	Continue Piotage	Geology	Date De
			7/22/00 Wellbo
13	72/21		7/25/00 Wellbo
//es			Surface Casing
341			Date
341			7/22/00 Cas
			7/22/00 Gui
344			Production Casi
			Date
2260			7/27/00 Cas
			7/27/00 Mar
0070			7/27/00 Cas
2270			7/27/00 Gui
	Tubing Jts, 2 7/8, 12.0,	Ferron,	Tubing String
2402	2561.0	2,360.0	Date
	2501.0		9/25/00 Tubii
2411			9/25/00 Tubi
-711			9/25/00 State
	2,400.0-2,410.0		9/25/00 Perf
2454			9/25/00 Torq
			9/25/00 Bull I
2461			Rod String
	2,453.0-2,459.0		Date
2464			9/26/00 Po
2404			9/26/00 Po
W.Combon	2,463.0-2,465.0		9/26/00 Por
2470	2,463.0-2,465.0	1	9/26/00 Ro
			9/26/00 Por
2477			9/26/00 PC
	2,472.0-2,476.0		Cement
2493			Date
2493			7/22/00
**********			7/27/00 F
2497	2,493.0-2,497.0		9/23/00 F
			Perforations
2572		- LATE	Date
. Santas	Tubing Cub 9.7/9		8/30/00
0575	Tubing Sub, 2 7/8, 2,573.0, 4.0		8/28/00
2575	Stator, 3 3/4, 2,577.0,		8/28/00
	20.0		8/28/00
2598	Perforated Subs, 2 7/8,		8/28/00
	2,597.0, 8.0		Formations
2605	2,007.0, 0.0		Des
ಸರ್ವಾಶ್/			Ferron
2000			Tununk
2608	\ Torque Anchor, 3 3/4,	Tununk,	
	2,605.0, 1.2	2,652.0	
2717		200000000000000000000000000000000000000	
2759	Pull Plus 0.7/9 0.606.6		
100	Bull Plug, 2 7/8, 2,606.3		
	0.7		
2762			

- N.	13			Group	List - Ac	tual				IŞ .
Wellbore	0	An.	-	A IDS		TV CA		Maria Ma		
Date	Des	OD		(MD)						
7/22/00 V		11 7 7/8		2.0-343						
7/25/00 V Surface Co		1 110	343.0)-2,762	0		THE STATE OF THE S		and the same	
Date		es es		D	ID	Tor	o (MD)	Len	Dł	m (MD)
7/22/00	Casing		- 65	5/8	8.097	1.0	12.0		Di	342.0
7/22/00	Guide S			5/8	8.097		342.0			343.0
Production		rius		3/0	0.031		342.0	1,0		343.0
Date		es	OI	1	ID	Ton	(MD)	Len	Pł	m (MD)
7/27/00	9.75		500	1/2	4.892	TOP	12.0	2247.3		2,259.3
7/27/00 Casing Jts 7/27/00 Marker Jt.			1/2	4.892		2,259.3	12.1		2,271.4	
7/27/00	Casing			1/2	4.892		2,271.4	487.6		2,759.0
7/27/00	Guide S			1/2	4.892		2,759.0	1.0		2,760.0
Tubing Stri					7.032		2,1 00.0		ACCOUNTS NOT	2,100.0
Date		Des		OD	ID		_en	Top (MD)	B	tm (MD)
9/25/00	Tubing J			27/8			2561.0	12.		2,573.0
9/25/00	Tubing S			27/8			4.0	2,573		2,577.0
9/25/00	Stator	ab		3 3/4			20.0	2,577		2,597.0
9/25/00	Perforate	od Suhe		27/8			8.0	2,597		2,605.0
9/25/00	Torque A			3 3/4			1.2	2,605.		2,606.3
9/25/00	Bull Plug	AI ICTIOI		27/8		1	0.7	2,606		2,607.0
Rod String	the fill the state of the state	-	Secure one	2170	2.41	-	DESCRIPTION OF THE PERSONS	2,000.		2,007.0
Date	NAMES OF STREET	Des	THE REAL PROPERTY.	OD	To	p (MD	77	Len	Din	n (MD)
9/26/00	Polishe			11.			17.0	22.0	Dill	39.0
9/26/00	Pony R				/8		39.0	4.0		43.0
9/26/00		Pony Rod			/8		43.0	8.0		51.0
9/26/00	Rod Jts				/8		51.0	2525.0		2,576.0
9/26/00	Pony R				/8		76.0	6.0		2,582.0
9/26/00	PC Rote				/8		82.0	15.0		2,597.0
Cement	ro Noti	JI		1	/U	درد	02.0	10.0		2,001.0
Date	ESSIVIESES:	1/83531	Des		8081100		Int ((MD)	10000	Com
7/22/00	Surf	ace Casi	250				ii ii. (12.0-3	43.0	Cont
7/27/00		uction Ca						12.0-2,7		
9/23/00	PBTD		ion ig				-	2,718.0-2,7	62.0	
Perforation						OT VER	DESCRIPTION OF THE PARTY OF THE	10.0-21	02.0	
Date	-	nt (MD)	STEEL STEEL	Corr		NAME OF	ANTIONS N	ANNIAN STATES	NO COLUMN	DESCRIPTION .
8/30/00		400.0-2	4100							
8/28/00		453.0-2								
8/28/00		463.0-2								
8/28/00		472.0-2								
8/28/00		493.0-2								
Formations		.,100.0-2	gror .c					==		
Des		To	op (MD	S.				S SI MIN.	-	
Ferron			op (mic	2,360	n					
Tununk				2,652						
CALIFORNIA.				2,002.	~					
					177		T -000			
					0 3		GI	EIV		
								W.		

RECEIVED

OIL, GAS AND MINING